Settlements & Billing

Configuration Guide: GMC System Operations Balancing Authority Area Services Charge Code

CC 4566

 Version 5.0

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# Purpose of Document

The purpose of this document is to capture the requirements and design specification for a Charge Code in one document.

# Introduction

## Background

Beginning in 2026, the GMC will consist of the following separate service charges: (1) the Market Services Charge; (2) the System Operations Real-Time Dispatch Charge; (3) the System Operations Balancing Authority Area Services Charge; and (4) the CRR Services Charge. The GMC revenue requirement will be allocated to the service charges as follows: forty-nine (49) percent to Market Services; twenty-three (23) percent to System Operations Real-Time Dispatch Charge; twenty-six (26) percent to System Operations Balancing Authority Area Services Charge; and two (2) percent to CRR Services. Every three (3) years, the CAISO will conduct an updated cost-of-service study, in consultation with stakeholders and using costs from the previous year. In conducting each cost-of-service study, the CAISO will recalculate the service charge percentages and the rates for the fees and charges that constitute the Grid Management Charge.

## Description

The GMC System Operations Balancing Authority Area Services Charge is designed to recover costs the ISO incurs for transmission planning, summer coordination, and planning coordination costs. This charge code is applied only to scheduling coordinators participating within the CISO BAA.

# Charge Code Requirements

## Business Rules

| Bus Req ID | Business Rule |
| --- | --- |
|  | The System Operations Balancing Authority Area Services charge code represents the costs to support services within the CISO BAA, such as transmission planning, summer readiness, and planning coordination. |
|  | This charge code will be calculated by dividing the annual GMC revenue requirement allocated to this service category by forecast annual gross absolute value of MWh of real-time energy flows on the CAISO controlled grid. |
|  | This Charge Code shall provide an output on a daily basis. |
|  | This Charge Code shall be billed in accordance to CAISO Payments Calendar. |
|  | A settlement details file shall provide details for each daily settlement amount. |
| 4.0 | For adjustments to the Charge Code that cannot be accomplished by correction of upstream data inputs, recalculation or operator override, Pass Through Bill Charge adjustment shall be applied. |
| 7.0 | This Charge Code will not apply to participating and non-participating resources within the EIM BAA. |
| 7.1 | This Charge Code will not apply to participating and non-participating resources within other EDAM BAAs outside of the CISO BAA. |

## Predecessor Charge Codes

| Charge Code/ Pre-Calc Name |
| --- |
| Real Time Energy Pre-Calculation |

## Successor Charge Codes

| Charge Code/ Pre-calc Name |
| --- |
| None |

## Inputs - External Systems

| Row # | Variable Name | Description |
| --- | --- | --- |
| 1 | CAISOGMCSystemOperationsBAAServicesChargeRate md | FERC-approved EDAM Administrative System Operations rate. The input data is available from the SaMC standing data based on applicable start and end dates. |
| 2 | PTBChargeAdjustmentGMCSystemOperationsBAAServicesSettlementAmount BJmd | PTB adjustment variable for this Charge Code, with amount per SC (in $). The input applies to Business Associate B, Trading Month m and Trading Day d. |

## Inputs - Predecessor Charge Codes or Pre-calculations

| Row # | Variable Name | Predecessor Charge Code/ Pre-calc Configuration / Description |
| --- | --- | --- |
| 1 | SettlementIntervalMeteredEnergy BrtQ’uT’I’M’F’S’mdhcif | Settlement Interval metered energy for Resource r . (MWh) |

## CAISO Formula

The daily settlement System Operations Grid Management Charge by each Business Associate is derived according to the formulation below.

### BADaySystemOperationsBAAServicesAmount Bmd = BAADaySystemOperationsQuantity Bmd \* CAISOGMCSystemOperationsBAAServicesChargeRate md

### BAADaySystemOperationsQuantity Bmd = Sum over (r, t, Q’, u, T’, I’, M’, F’, S’, h, c, I,f) SettlementIntervalMeteredEnergy BrtQ’uT’I’M’F’S’mdhcif

 Where Q’ = ‘CISO’

## Outputs

| Output Req ID | Name | Description |
| --- | --- | --- |
| 1 | BADaySystemOperationsBAAServicesAmount Bmd | Daily System Operations BAA Services Amount for Business Associate B of Trading Month m, and Trading Day d ($). |
| 2 | BAADaySystemOperationsQuantity Bmd | Daily CAISO BAA metered flows of supply and demand (MWh). |

# Charge Code Effective Date

| Charge Code/Pre-calc Name | Document Version | Effective Start Date | Effective End Date | Version Update Type |
| --- | --- | --- | --- | --- |
| 4566 GMC System Operations Balancing Authority Area Services Charge Code | 5.0 | 1/1/26 |  Open | Initial Version |